

Title (en)
A trailing arm suspension assembly

Title (de)
Längsarmaufhängung

Title (fr)
Suspension à bras tiré

Publication
EP 1625955 A1 20060215 (EN)

Application
EP 05254903 A 20050805

Priority
US 91612704 A 20040811

Abstract (en)
A trailing arm assembly for a suspension includes at least first and second cast components. The first and second cast components are welded to each other to substantially surround an outer perimeter of an axle member. The first cast component is then welded to one side of the axle member at a first weld and the second cast component is welded to an opposite side of the axle member at a second weld. One of the first and second cast components includes an integrally formed air spring seat and the other of the first and second cast components includes an integrally formed bushing housing for connection to a frame.

IPC 8 full level
B60G 9/00 (2006.01)

CPC (source: EP US)
B60G 9/003 (2013.01 - EP US); **B60G 2200/31** (2013.01 - EP US); **B60G 2206/31** (2013.01 - EP US); **B60G 2206/8101** (2013.01 - EP US); **B60G 2206/8201** (2013.01 - EP US)

Citation (applicant)
WO 2004054825 A2 20040701 - MERITOR HEAVY VEHICLE SYS LTD [GB], et al

Citation (search report)
• [XA] WO 2004054825 A2 20040701 - MERITOR HEAVY VEHICLE SYS LTD [GB], et al
• [A] US 2004080132 A1 20040429 - CHAN DAVID J [GB], et al
• [A] US 4415179 A 19831115 - MARINELLI JOSEPH A [US]

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FR2949996A1; EP2676821A1; BE1020713A3; EP2127919A1; EP1842700A3; WO2011030057A1; EP2895334B1

Designated contracting state (EPC)
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